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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:	
Application No.:	10/685,319
Filing Date:	October 13, 2003
Inventor:	Laurence A. Nafie *et al.*
Title:	*Reaction Monitoring of Chiral Molecules Using Fourier Transform Infrared Vibrational Circular Dichroism Spectroscopy*
Attorney Docket No.:	35203-94789
Examiner Name:	Not Yet Assigned

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

on March 25, 2004

Peter J. Shakula
Registration No. 40,808

INFORMATION DISCLOSURE STATEMENT

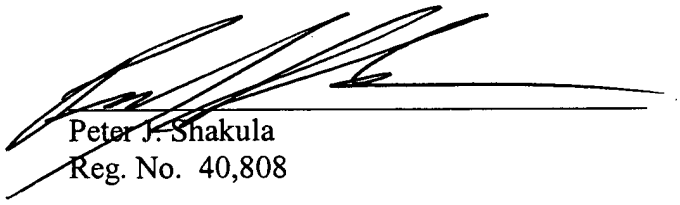
Assistant Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

This statement is filed in the application identified above pursuant to 37 C.F.R. § 1.97 (b).

Please charge any fees that might be due in connection with this Information Disclosure Statement to our Deposit Account No. 12-0913 with reference to our attorney docket number (35203-94789).

Respectfully submitted,



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Dated: March 25, 2004

FORM PTO/SB/08A
(REV. 10-96)

U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 4

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Complete if Known	
Application Number:	10/685,319
Filing Date:	10/13/03
First Named Inventor:	Laurence A. Nafie
Group Art Unit	
Examiner Name	Not yet assigned
Attorney Docket Number:	35203-94789

A

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A.1				
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	A.18				
	A.19				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	A.20					
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FORM PTO/SB/08A (REV. 10-96)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Complete if Known	
Substitute for form 1449A/PTO		Application Number	10/685,319
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	10/13/03
		First Named Inventor	Laurence A. Nafie
		Group Art Unit	
(Use several sheets if necessary)		Examiner Name	Not Yet Assigned
Sheet 3 of 4		Attorney Docket Number	35203-94789

A	**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**		
Examiner Initials*	Cite No.[1]		T[2]
	A.1	"Spectroscopic methods for determining enantiomeric purity and absolute configuration in chiral pharmaceutical molecules" by Rekha D. Shah and Laurence A. Nafie, *Current Opinion in Drug Discovery & Development* **4**, 764-775 (2001).	
	A.2	"Determination of Enantiomeric Excess in Deuterated Chiral Hydrocarbons by Vibrational Circular Dichroism Spectroscopy" by K.M. Spencer, S.J. Cianciosi, J.E. Baldwin, T.B. Freedman and L.A. Nafie, *Appl. Spectrosc.*, **44**, 235-238 (1990).	
	A.3	"Racemization and Geometrical Isomerization of (-)-(R,R)-Cyclopropane 1,2-$^{2}H_{2}$" by S.J. Cianciosi, N. Ragunathan, T.B. Freedman, L.A. Nafie, and J.E. Baldwin, *J. Am. Chem. Soc.* **112**, 8204-8206 (1990).	
	A.4	Racemization and Geometrical Isomerization of (2S,3S)-Cyclopropane-1-^{13}C,^{2}H-2,3-$^{2}H_{2}$ at 407 C: Kinetically Competitive One-Center and Two-Center Thermal Epimerizations in an Isotopically Substituted Cyclopropane" by S.J. Cianciosi, N. Ragunathan, T.B. Freedman, L. A. Nafie, D.K. Lewis, D.A. Glenar and J.E. Baldwin, *J. Am. Chem. Soc.*, **113**, 1864-1866 (1991).	
	A.5	"Analytical Determination of Enantiomeric Purity Using Raman Optical Activity" K. M. Spencer, R. B. Edmonds, R. D. Ruah, M. M. Carrabba, *Anal. Chem.* **66**, 1269-1273 (1994).	
	A.6	"Determination of Enantiomeric Excess using Raman Optical Activity", L. Hecht, A. L. Phillips, L. D. Barron, *J Raman Spectrosc.*, **26**, 727-736 (1995).	
	A.7	"Analytical Chiral Purity Verification by Raman Optical Activity" K. M. Spencer, R. B. Edmonds, R. D. Rauh, *Appl Spectrosc* **50**, 681 (1996).	
	A.8	"Determination of Enantiomeric Purity of Chiral Pharmaceutical Molecules Using Fourier Transform Vibrational Circular Dichroism Spectroscopy" by Laurence A. Nafie, Fujin Long, Henry Buijs, Allan Rilling, Jean-Rene Roy and Rina K. Dukor, Pittcon '97, Atlanta Georgia, March 20, 1997, Abstract #1206.	
	A.9	"The Determination of Enantiomeric Purity by Vibrational Circular Dichroism Spectroscopy" by R.K. Dukor, J.-R. Roy and L.A. Nafie, in *Proceedings of the 12th International Conference on Fourier Transform Spectroscopy*, (Eds. M. Tasumi and K. Itoh), Waseda University Press, Tokyo, Japan, August 23, 1999., p.263	
	A.10	"Comparative Evaluation of Vibrational Circular Dichroism and Optical Rotation for Determination of Enantiomeric Purity" C. Zhao, P. L. Polavarapu, *Appl. Spectrosc.*, **55**, 913 (2001).	

	A.11		
	A.12		

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